**EAST Search History**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L3 | 294 | (370/281.ccls. 370/282.ccls. 370/302.ccls. 370/343.ccls. 370/436.ccls. 370/478.ccls. 370/57.ccls. 370/480.ccls.) and ((serial$3 and deserial $3) (multiplex$3 and demultiplex$3)) same (channel$1 frequenc$3 band $1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 17:15 |
| L4 | 177 | (370/281.ccls. 370/282.ccls. 370/302.ccls. 370/343.ccls. 370/436.ccls. 370/478.ccls. 370/57.ccls. 370/480.ccls.) and ((serial$3 and deserial $3) (multiplex$3 and demultiplex$3)) same (channel$1 frequenc$3 band $1) and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 17:16 |
| L5 | 59 | 4 and (multiple plurality) near4 (receiver$1 decoder$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/06 17:17 |
| S1 | 3461 | (multiple plurality) near4 demodulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:24 |
| S2 | 41 | 329/304.ccls. and (multiple plurality) near4 demodulator $1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:24 |
| S3 | 28 | 329/304.ccls. and (multiple plurality) near4 demodulator $1 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:25 |
| S4 | 2 | S3 and (coaxila twisted adj pair wire wireline) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:28 |

| S5 | 3 | S3 and (coaxial twisted adj pair wire wireline) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:29 |
| S6 | 12 | "329"/$.ccls. and (multiple plurality) near2 demodulator $1 and (coaxial twisted adj pair wire wireline) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:31 |
| S7 | 6 | S6 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:32 |
| S8 | 44 | 370/503.ccls. and ((multiple plurality) near2 (demodulator $1 receiver$1)) and (coaxial wire wireline twisted adj pair) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:36 |
| S9 | 25 | S8 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:36 |
| S10 | 2 | "5214390".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:47 |
| S11 | 63 | 370/503.ccls. and (serdes serial$3 near3 deserializ$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:52 |
| S12 | 19 | S11 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:52 |
| S13 | 0 | S12 and (plurality multiple) near3 demodulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:57 |

| S14 | 1 | S12 and demodulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:57 |
|---|---|---|---|---|---|---|
| S15 | 78 | 370/503.ccls. and (serdes serial$3 deserializ$3) and (plurality multiple) near3 (receiver$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:59 |
| S16 | 42 | S15 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:59 |
| S17 | 35 | demodulator$1 same (analog near2 down near2 converter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:20 |
| S18 | 6 | S17 and filter same ("D/A" digital near2 analog near2 conver$5 and equaliz$5 and decod$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:22 |
| S19 | 76 | ("20010031014" \| "20020039052" \| "20020086651" \| "20020093994" \| "20020110206" \| "20020159551" \| "20020163974" \| "20030017809" \| "20030054782" \| "20030112798" \| "20040091028" \| "20040106380" \| "20040121753" \| "20040130483" \| "20040137941" \| "20040162023" \| "20040190660" \| "4025719" \| "4455649" \| "4599732" \| "4679225" \| "4710922" \| "4995031" \| "5079770" \| "5285474" \| "5293378" \| "5535228" \| "5604768" \| "5715280" \| "5781617" \| "5796783" \| "5808671" \| "5822368" \| "5838268" \| "5838732" \| "5838740" \| "5844950" \| "5852629" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/28 17:24 |

| | | "5930231" \| "5991311" \| "5999575" \| "6005893" \| "6044112" \| "6121828" \| "6128114" \| "6160820" \| "6163563" \| "6246664" \| "6252900" \| "6259745" \| "6269129" \| "6275544" \| "6292559" \| "6351293" \| "6351677" \| "6407843" \| "6418161" \| "6438174" \| "6441683" \| "6462679" \| "6477207" \| "6496540" \| "6522702" \| "6529303" \| "6647071" \| "6678319" \| "6714529" \| "6724331" \| "6731704" \| "6804497" \| "6807234" \| "6831954" \| "6970448" \| "6975685" \| "7236757" \| "7295623").PN. | | | |
|---|---|---|---|---|---|---|
| S20 | 1 | "5781617".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/28 17:36 |
| S21 | 2019 | (plurality multiple) near2 demodulator$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/28 17:39 |
| S22 | 2344 | synchronous adj demodulator$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/28 17:41 |
| S23 | 1772 | S22 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:41 |
| S24 | 2343 | synchronous adj demodulators | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/28 17:41 |
| S25 | 1771 | S24 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:42 |
| S26 | 2343 | synchronous adj demodulators | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/28 20:45 |
| S27 | 1771 | S26 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:45 |

| S28 | 52 | S27 and (plurality multiple) near2 (channel$1 band$1 frequenc$3) and (coaxial copper twisted adj pair) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:46 |
| S29 | 2 | "6356555".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 21:02 |
| S30 | 2 | "6292462".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 21:26 |
| S31 | 550 | synchronous near2 (transceivers receivers) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/28 21:41 |
| S32 | 285 | S31 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 21:41 |
| S33 | 87 | S32 and (plurality multiple) near2 (band$1 frequenc$3 channel$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 21:42 |
| S34 | 7689932 | (plurality multiple) near$4 modulator$1 and (plurality multiple) near4 (demodulator $1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:33 |
| S35 | 7689932 | (plurality multiple) near$4 modulator$1 same (plurality multiple) near4 (demodulator $1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:34 |
| S36 | 721 | (plurality multiple) near4 modulator$1 same (plurality multiple) near4 (demodulator $1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:35 |

| S37 | 5905 | S35 and ((serializ$3 and deserializ$3) serdes) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:35 |
|-----|------|------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S38 | 4 | S36 and ((serializ$3 and deserializ$3) serdes) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:35 |
| S39 | 2 | "6259745".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:39 |
| S40 | 1348 | S37 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:52 |
| S41 | 283 | S36 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:52 |
| S42 | 9 | S41 and (transmitted transmission transmitting) near3 (synchronous$3 common adj clock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 22:53 |
| S43 | 2 | "6763025".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 23:06 |
| S44 | 6 | "358"/$.ccls. and (plurality multiple) near4 modulator$1 same (plurality multiple) near4 (demodulator$1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:03 |
| S45 | 5 | S44 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:03 |

| S46 | 33 | 375/219-222.ccls. and (plurality multiple) near4 modulator$1 same (plurality multiple) near4 (demodulator $1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:05 |
|-----|----|-----|-----|-----|-----|-----|
| S47 | 18 | S46 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:05 |
| S48 | 3 | 375/257.ccls. and (plurality multiple) near4 modulator$1 same (plurality multiple) near4 (demodulator$1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:11 |
| S49 | 183 | "370"/$.ccls. and (plurality multiple) near4 modulator$1 same (plurality multiple) near4 (demodulator$1 receiver$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:13 |
| S50 | 92 | S49 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:14 |
| S51 | 2 | S50 and (transmit$4 transmission) near2 synchronous$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:14 |
| S52 | 1 | "6763025".pn. and rf adj link | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:36 |
| S53 | 1 | "6763025".pn. and link$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 11:37 |
| S54 | 1 | "6763025".pn. and demodulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:24 |

| S55 | 1 | "6763025".pn. and synchronous | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:34 |
| S56 | 15 | synchronously near2 distributed same (frequenc$3 channel$1 band$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:48 |
| S57 | 5 | S56 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:49 |
| S58 | 22973 | (pars$3 synchronous$3 near2 distribut$3) same (carrier$1 line$1 frequenc$3 channel$1 band$1 subcarrier $1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:52 |
| S59 | 3646 | S58 and (plurality multiple bank$1) near3 (demodulat$3 receiv$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:53 |
| S60 | 52 | (pars$3 synchronous$3 near2 distribut$3) same (carrier$1 line$1 frequenc$3 channel$1 band$1 subcarrier $1) same (plurality multiple bank$1) near3 (receiver$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 15:55 |
| S61 | 8 | S60 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 16:11 |
| S62 | 21257 | distribut$3 near3 (symbol$1 bit$3 data) same (frequenc $3 channel$1 band$1 carrier $1 subcarrier$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 16:16 |
| S63 | 1214 | distribut$3 near3 (symbol$1 bit$3 data) same ((between across) near2 (frequenc$3 channel$1 band$1 carrier$1 subcarrier$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 16:17 |

| S64 | 385 | S63 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 16:18 |
| S65 | 6 | S64 and synchronous$2 near4 distribut$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 16:19 |
| S66 | 11 | synchronous$2 near4 distribut $3 same ((allocat$3 allot$3 assign$3 dispers$3 divid$3) near3 (bit$1 symbol$1 data)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 17:45 |
| S67 | 929 | synchronous$2 near4 ((distribut$3 allocat$3 allot$3 assign$3 dispers$3 divid$3) near3 (bit$1 symbol$1 data)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 17:45 |
| S68 | 24 | 370/503.ccls. and (network near2 synchroniz$5) and multiple near2 (transceiver$1 receiver$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 18:38 |
| S69 | 4 | S68 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 18:38 |
| S70 | 73 | 370/503.ccls. and ("same" adj clock synchroniz$5) and multiple near2 (transceiver$1 receiver$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 18:48 |
| S71 | 27 | S70 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 18:48 |
| S72 | 12 | (375/219.ccls. 375/220.ccls. 375/358.ccls. 375/222.ccls. 375/257.ccls. 370/503.ccls.) and (pars$3 distribut$3 allocat$3) same (plurality multiple) near4 modulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 10:40 |

| S73 | 50 | (375/219.ccls. 375/220.ccls. 375/358.ccls. 375/222.ccls. 375/257.ccls. 370/503.ccls.) and (pars$3 distribut$3 allocat$3) same (plurality multiple) near4 (modulator$1 transmitter$1 encoder$) and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:48 |
| S74 | 6 | (US-20040202137-$ or US-20020031113-$ or US-20050286645-$).did. or (US-7388904-$ or US-5930231-$ or US-6885697-$).did. | US-PGPUB; USPAT | OR | ON | 2009/04/09 11:56 |
| S75 | 1588 | ("375"/$.ccls. "370"/$.ccls.) and (synchronous (common "same" adj clock)) same ((plurality multiple) near3 (demodulator$1 receiver$1 decod$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 16:20 |
| S76 | 661 | S75 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 16:20 |
| S77 | 14 | S76 and pars$3 near3 (bit$1 data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 16:24 |
| S78 | 22344 | pars$3 near3 (bit$1 data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:15 |
| S79 | 2 | pars$3 near3 (bit$1 data) same (plurarity multiple bank $1) near3 modulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:16 |
| S80 | 1 | S79 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:17 |
| S81 | 35 | pars$3 near3 (bit$1 data) and (plurarity multiple bank $1) near3 modulator$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:24 |

| S82 | 16 | S81 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:24 |
| S83 | 1482 | (serdes "serializer/ deserializer" serializer adj2 deserializer serial near2 parallel) and pars$3 near2 (data bit$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:33 |
| S84 | 488 | S83 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:33 |
| S85 | 2 | S84 and (bank$1 plurality multiple) near3 demodulator $1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:34 |
| S86 | 33 | S84 and (bank$1 plurality multiple) same demodulator $1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:40 |
| S87 | 1 | "20020006137" and (transmit receive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:51 |
| S88 | 1 | "20020006137" and (transmit receive) adj mode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 17:53 |
| S89 | 0 | 370/593.ccls. and (serial$3 deserializ$3 serdes) and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 17:37 |
| S90 | 532 | 370/503.ccls. and (serial$3 deserializ$3 serdes) and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 17:37 |

| S91 | 191 | S90 and (plurality multiple) same (decod$3 receiver$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 17:38 |
|-----|-----|------|------|----|----|------|
| S92 | 57 | S90 and (plurality multiple) near3 (decod$3 receiver$1 demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 17:38 |
| S93 | 4 | (US-7069577-$ or US-6606351-$ or US-6356555-$ or US-4455649-$).did. | USPAT | OR | ON | 2009/04/20 18:11 |
| S94 | 104 | ("4218654" \| "4460992" \| "4470138" \| "4475208" \| "4553161" \| "4554579" \| "4635274" \| "4688210" \| "4723164" \| "4748681" \| "4757460" \| "4773066" \| "4811365" \| "4829569" \| "4894789" \| "4912721" \| "4926130" \| "4933930" \| "5072445" \| "5090024" \| "5093718" \| "5130983" \| "5133079" \| "5157686" \| "5164958" \| "5166952" \| "5193094" \| "5195092" \| "5200993" \| "5224122" \| "5231664" \| "5233630" \| "5235615" \| "5235619" \| "5239557" \| "5247347" \| "5253268" \| "5280472" \| "5295152" \| "5297162" \| "5305308" \| "5309474" \| "5313454" \| "5319634" \| "5325394" \| "5327455" \| "5345439" \| "5345472" \| "5347304" \| "5353300" \| "5359624" \| "5363403" \| "5363404" \| "5373288" \| "5373502" \| "5390166" \| "5394391" \| "5398258" \| "5404570" \| "5408465" \| "5414699" \| "5416797" \| "5418813" \| "5425027" \| "5440585" \| "5442625" \| "5442627" \| "5442662" \| "5442700" \| "5448555" \| "5452328" \| "5463660" \| "5467342" \| "5481533" \| "5488412" \| "5499236" \| "5511067" \| "5512935" \| "5533013" \| "5534913" \| "5539730" \| "5550578" \| "5557316" \| "5572517" \| "5572528" \| "5583853" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/20 18:19 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "5586121" \| "5594872" \| "5608446" \| "5608728" \| "5610911" \| "5617410" \| "5619531" \| "5712982" \| "5737329" \| "5745484" \| "5751739" \| "5761198" \| "5793759" \| "5805583" \| "5822359" \| "5828655" \| "5930235" \| "RE35774").PN. | | | | |
| S95 | 266 | ((plurality multiple) near2 (encod$3 modulat$3 transmitt$3)) same (bit near2 (pars$3 allocat$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:31 |
| S96 | 85 | ((plurality multiple) near2 (encod$3 modulat$3 transmitt$3)) same (bit near2 (pars$3 allocat$3)) and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:32 |
| S97 | 1 | S96 and (plurality multiple) near5 (demodulator$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:33 |
| S99 | 1959 | ((plurality multiple) near5 (demodulator$1)) and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:37 |
| S100 | 190 | S99 and demodulator$1 same ((common adj1 clock) synchronous$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:38 |
| S101 | 0 | S100 and (serdes "serial/ deserializer") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:40 |
| S102 | 31 | S100 and (serdes "serial/ deserializer" serial near3 parallel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:40 |

| S103 | 5 | "20020051435" and channel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 19:50 |
|------|---|---------------------------|-----|-----|-----|-----------|
| S104 | 3 | "20020051435" and channel | US-PGPUB | OR | ON | 2009/04/20 19:50 |
| S106 | 1 | "20020051435" and (cable coaxial) | US-PGPUB | OR | ON | 2009/04/20 19:53 |
| S107 | 1 | "20020051435" and PHY | US-PGPUB | OR | ON | 2009/04/20 19:54 |
| S108 | 18 | ("20050174978" \| "5319634" \| "5442625" \| "5856971" \| "6081536" \| "6091760" \| "6115608" \| "6185199" \| "6219341" \| "6246713" \| "6374387" \| "6385752" \| "6389000" \| "6414988" \| "6603826" \| "6684366" \| "6937665" \| "6947502").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/20 19:58 |
| S109 | 1 | "7190683".pn. and radio adj channel | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/20 20:02 |
| S110 | 22 | (375/219-220.ccls. 375/358. ccls.) and ((synchronization synchronizing) same ((plurality multiple) near5 (transceiver$1 demodulator $1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/04/20 20:32 |
| S111 | 13 | S110 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/20 20:33 |
| S112 | 45 | (375/219-220.ccls. 375/358. ccls.) and demodulator$1 same ((common adj1 clock) synchronous$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/04/20 20:42 |
| S113 | 28 | (375/219-220.ccls. 375/358. ccls.) and demodulator$1 same ((common adj1 clock) synchronous$3) and @ad<="20010711" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/04/20 20:42 |
| S114 | 2 | "7362719".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/04 16:10 |
| S115 | 4 | "3605019".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/04 17:18 |
| S116 | 2 | "5781617".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/04 17:22 |

| S117 | 0 | 75/260.ccls. and frequency adj division adj multiplexing | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/04 22:30 |
|------|------|------|------|------|------|------|
| S118 | 1761 | 375/260.ccls. and frequency adj division adj multiplexing | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/04 22:30 |
| S119 | 909 | S118 and (plurality multiple) near4 receiv$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/04 22:35 |
| S120 | 90 | S119 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 22:35 |
| S121 | 7 | S120 and receiv$3 with ("same" adj clock$1 synchronous$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 22:38 |
| S122 | 1946 | equalizer same coefficient$1 near4 updat$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 22:57 |
| S123 | 153 | equalizer same coefficient$1 near4 (updat$3 and equation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 22:58 |
| S124 | 73 | S123 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 22:58 |
| S125 | 3 | S124 and rate near4 adaptat $4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:01 |
| S126 | 6 | "09965242" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:09 |

| S127 | 2 | "5533050".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:45 |
| S128 | 225 | equalizer same fixed near2 coefficient$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:53 |
| S129 | 48 | S128 and gain with amplifier $1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:54 |
| S130 | 14 | S129 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:54 |
| S131 | 29 | equalizer same (fixed near2 coefficient$1 and gain with amplifier$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:55 |
| S132 | 8 | S131 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/04 23:55 |
| S133 | 29 | equalizer same (fixed near2 coefficient$1 and gain with amplifier$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/05 13:43 |
| S134 | 8 | S133 and @ad<="20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/05 13:43 |
| S135 | 0 | equalizer and (fixed adj coefficient$1 same (amplifier and (phase adj rota$3)) ) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/05 13:53 |

| S136 | 0 | equalizer and (fixed adj coefficient$1 same (amplifier and (phase adj rotat$3) ) ) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/05 13:53 |

**5/6/09 6:07:54 PM**
**C:\ Documents and Settings\ LWilliams5\ My Documents\ EAST\ Workspaces\ 09965242b.wsp**